

Description:		
Industry:	61 - Educational Services	
Address:	3910 Keswick Rd, Baltimore, Maryland, US	Contact: Krittika Negandhi

Reporting Information

Inventory Type	Complete	
Reporting Protocol:	GRP 3.0	
GWP Standard:	AR6	
Base Year:	2024	
Scope 2 method	Location-based and Market-based	
Reporting Year Type	Calendar Year	
Consolidation Methodology:	Operational Control Only	
Status:	TCR Accepted	

Verification Information

Verification Body:	Cameron-Cole, LLC	
Level of Assurance:	Reasonable	

Entity Emissions | Total in metric tons of CO2e

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Stationary Combustion - Scope 1	45,390.552	45,255.96	110.295	24.297	0	0	0	0
Mobile Combustion - Scope 1	3,626.649	3,601.809	2.727	22.113	0	0	0	0
Fugitive - Scope 1	2,314.046	115.445	13.338	16.653	2,168.61	0	0	0
Total	51,331.247	48,973.214	126.36	63.063	2,168.61	0	0	0
Applied Offsets								
Net Total	51,331.247							

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Location Based - Scope 2	117,925.709	117,418.463	195.48	311.766	0	0	0	0
Purchased Cooling - Location Based - Scope 2	7,672.569	7,642.35	12.474	17.745	0	0	0	0
Purchased Steam - Location Based - Scope 2	25,004.132	24,846.371	22.626	135.135	0	0	0	0
Total	150,602.41	149,907.184	230.58	464.646	0	0	0	0
Applied Offsets								
Net Total	150,602.41							

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t of CO2e)	N2O (t of CO2e)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t of CO2e)	SF6 (t of CO2e)
Purchased Electricity - Market Based - Scope 2	30,868.195	30,701.719	54	112.476	0	0	0	0

Purchased Cooling - Market Based - Scope 2	7,672.569	7,642.35	12.474	17.745	0	0	0	0
Purchased Steam - Market Based - Scope 2	25,004.132	24,846.371	22.626	135.135	0	0	0	0
Total	63,544.896	63,190.44	89.1	265.356	0	0	0	0
Applied Offsets								
Net Total	63,544.896							

Entity Emissions | Total in metric tons of gas

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	45,390.552	45,255.96	4.085	0.089	0	0	0	0
Mobile Combustion - Scope 1	3,626.649	3,601.809	0.101	0.081	0	0	0	0
Fugitive - Scope 1	2,314.046	115.445	0.494	0.061	2,168.61	0	0	0
Total	51,331.247	48,973.214	4.68	0.231	2,168.61	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	117,925.709	117,418.463	7.24	1.142	0	0	0	0
Purchased Cooling - Location Based - Scope 2	7,672.569	7,642.35	0.462	0.065	0	0	0	0
Purchased Steam - Location Based - Scope 2	25,004.132	24,846.371	0.838	0.495	0	0	0	0
Total	150,602.41	149,907.184	8.54	1.702	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC CO2e (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	30,868.195	30,701.719	2	0.412	0	0	0	0
Purchased Cooling - Market Based - Scope 2	7,672.569	7,642.35	0.462	0.065	0	0	0	0
Purchased Steam - Market Based - Scope 2	25,004.132	24,846.371	0.838	0.495	0	0	0	0
Total	63,544.896	63,190.44	3.3	0.972	0	0	0	0

Simplified Estimation Methods (SEMs)

	Total Estimated CO2e (t)	Total Emissions (t of CO2e)	Estimated CO2e as a Percentage of Total*
Location-based	4,710	201,933	2.33%
Market-based	4,710	114,876	4.10%
*Total based on Scope 1, Scope 2, & biomass emissions			

Facility Emissions | Applied Physics Lab

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	10,086.554	10,056.605	0.907	0.02	0	0	0	0

Mobile Combustion - Scope 1	894.253	888.118	0.025	0.02	0	0	0	0
Fugitive - Scope 1	424.927	0.315	0.004	0.061	407.851	0	0	0
Total	11,405.734	10,945.038	0.936	0.101	407.851	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	32,835.852	32,707.425	1.976	0.275	0	0	0	0
Total	32,835.852	32,707.425	1.976	0.275	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | DC Campus

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	232.956	232.389	0.021	0	0	0	0	0
Mobile Combustion - Scope 1	0	0	0	0	0	0	0	0

Total	232.956	232.389	0.021	0	0	0	0	0
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Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	2,958.956	2,947.325	0.178	0.025	0	0	0	0
Total	2,958.956	2,947.325	0.178	0.025	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	212.062	211.165	0.013	0.002	0	0	0	0
Total	212.062	211.165	0.013	0.002	0	0	0	0

Facility Emissions | Homewood

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	29,127.324	29,040.642	2.624	0.058	0	0	0	0
Mobile Combustion - Scope 1	2,720.172	2,701.467	0.076	0.061	0	0	0	0
Fugitive - Scope 1	670.712	24.243	0.49	0	633.239	0	0	0
Total	32,518.208	31,766.352	3.19	0.119	633.239	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	35,590.589	35,451.401	2.142	0.298	0	0	0	0
Total	35,590.589	35,451.401	2.142	0.298	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	1,485.349	1,479.67	0.089	0.012	0	0	0	0
Total	1,485.349	1,479.67	0.089	0.012	0	0	0	0

Facility Emissions | Keswick

Equity share - 50.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	225.701	224.861	0.021	0.001	0	0	0	0
Mobile Combustion - Scope 1	0.802	0.802	0	0	0	0	0	0
Fugitive - Scope 1	485.337	0	0	0	485.337	0	0	0
Total	711.84	225.663	0.021	0.001	485.337	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Location Based - Scope 2	499.446	497.544	0.03	0.004	0	0	0	0
Total	499.446	497.544	0.03	0.004	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Leased Buildings

Equity share - 0.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	2,311.107	2,304.426	0.207	0.004	0	0	0	0
Total	2,311.107	2,304.426	0.207	0.004	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	13,769.774	13,715.996	0.829	0.115	0	0	0	0
Total	13,769.774	13,715.996	0.829	0.115	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
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Purchased Electricity - Market Based - Scope 2	10,633.023	10,591.446	0.64	0.089	0	0	0	0
Total	10,633.023	10,591.446	0.64	0.089	0	0	0	0

Facility Emissions | Mount Washington

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	734.931	732.876	0.066	0.001	0	0	0	0
Fugitive - Scope 1	458.494	0	0	0	458.494	0	0	0
Total	1,193.425	732.876	0.066	0.001	458.494	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	2,116.978	2,108.635	0.127	0.018	0	0	0	0
Total	2,116.978	2,108.635	0.127	0.018	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | Peabody

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	1,208.104	1,204.642	0.108	0.002	0	0	0	0
Mobile Combustion - Scope 1	3.958	3.958	0	0	0	0	0	0
Fugitive - Scope 1	20.82	0	0	0	20.82	0	0	0
Total	1,232.882	1,208.6	0.108	0.002	20.82	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	1,520.75	1,514.717	0.092	0.013	0	0	0	0
Total	1,520.75	1,514.717	0.092	0.013	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0

Facility Emissions | School of Medicine

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	1,397.017	1,392.823	0.125	0.003	0	0	0	0
Fugitive - Scope 1	87.168	87.168	0	0	0	0	0	0
Total	1,484.185	1,479.991	0.125	0.003	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	23,060.175	22,933.38	1.501	0.316	0	0	0	0
Purchased Cooling - Location Based - Scope 2	5,671.522	5,649.211	0.341	0.048	0	0	0	0
Purchased Steam - Location Based - Scope 2	19,983.157	19,856.986	0.669	0.396	0	0	0	0
Total	48,714.854	48,439.577	2.511	0.76	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	14,486.459	14,393.252	0.985	0.244	0	0	0	0
Purchased Cooling - Market Based - Scope 2	5,671.522	5,649.211	0.341	0.048	0	0	0	0
Purchased Steam - Market Based - Scope 2	19,983.157	19,856.986	0.669	0.396	0	0	0	0
Total	40,141.138	39,899.449	1.995	0.688	0	0	0	0

Facility Emissions | School of Nursing

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	4.511	4.511	0	0	0	0	0	0
Total	4.511	4.511	0	0	0	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	458.528	456.08	0.03	0.006	0	0	0	0
Purchased Cooling - Location Based - Scope 2	91.842	91.407	0.006	0.001	0	0	0	0
Purchased Steam - Location Based - Scope 2	405.47	402.908	0.014	0.008	0	0	0	0
Total	955.84	950.395	0.05	0.015	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	353.198	351.185	0.024	0.005	0	0	0	0
Purchased Cooling - Market Based - Scope 2	91.842	91.407	0.006	0.001	0	0	0	0
Purchased Steam - Market Based - Scope 2	405.47	402.908	0.014	0.008	0	0	0	0
Total	850.51	845.5	0.044	0.014	0	0	0	0

Facility Emissions | School of Public Health

Equity share - 100.00 | Entity controls the facility emissions - Yes

Scope 1 - Direct Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Stationary Combustion - Scope 1	62.347	62.185	0.006	0	0	0	0	0
Mobile Combustion - Scope 1	7.464	7.464	0	0	0	0	0	0
Fugitive - Scope 1	166.588	3.719	0	0	162.869	0	0	0
Total	236.399	73.368	0.006	0	162.869	0	0	0

Scope 2 - Location Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Location Based - Scope 2	5,114.661	5,085.96	0.335	0.072	0	0	0	0
Purchased Cooling - Location Based - Scope 2	1,909.205	1,901.732	0.115	0.016	0	0	0	0
Purchased Steam - Location Based - Scope 2	4,615.505	4,586.477	0.155	0.091	0	0	0	0
Total	11,639.371	11,574.169	0.605	0.179	0	0	0	0

Scope 2 - Market Based - Indirect Emissions	Total CO2e (t)	CO2 (t)	CH4 (t)	N2O (t)	HFC (t of CO2e)	PFC (t of CO2e)	NF3 (t)	SF6 (t)
Purchased Electricity - Market Based - Scope 2	3,698.104	3,675.001	0.249	0.06	0	0	0	0

Purchased Cooling - Market Based - Scope 2	1,909.205	1,901.732	0.115	0.016	0	0	0	0
Purchased Steam - Market Based - Scope 2	4,615.505	4,586.477	0.155	0.091	0	0	0	0
Total	10,222.814	10,163.21	0.519	0.167	0	0	0	0